Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 08 Aug 2020 until 23:59 on Sunday 09 Aug 2020

Forecast Issued on Saturday 08 Aug 2020 at 03:36

Confidence: High confidence in very warm and humid conditions for much of the five-day period, with low confidence of thunderstorm and shower detail, especially into the new week.

Headline for Saturday 08 Aug 2020: Mist and fog possible in valleys during the morning, but clearer higher up the slopes. Becoming brighter with some sunny spells breaking through later. Feeling close, with a high UV index.

Mountain weather hazards on Saturday 08 Aug 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny intervals	Sunny intervals	Sunny	Partly cloudy (night)
Precipitation probability					
10%	00%	00%	00%	00%	00%

Forecast for Saturday 08 Aug 2020

Weather: Damp during the early morning, with mist and fog patches likely to have formed in many valleys, although the higher slopes should stand clear of this. The mist and fog should lift into areas of low cloud during the morning under the influence of an increasing breeze, although it is likely to feel humid throughout under exertion. Some sunny spells should develop more widely into the afternoon, with adequate precautions advised against the high UV index. There is an outside chance of thunder later from high cloud.

Chance of cloud free mountain/hill tops above 600m: 70% at first, with mist, fog and low cloud in many valleys below 300 metres. Cloud lifting to clear the higher peaks into the afternoon to leave 90% chance later.

Visibility: Poor or very poor in many valleys at first, but improving to good later. The air will be on the humid side, so distant detail in views may be limited.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Saturday 08 Aug 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/16 NE	12/17 NE	12/18 NE	13/20 NE	17/26 NE	16/26 NE	16/24 NE
300	4/6 W	10/15 NE	10/16 NE	11/19 NE	15/25 NE	14/26 NE	13/24 NE
Valley	2/5 N	7/13 NE	9/16 NE	9/18 NE	14/27 NE	16/32 NE	16/31 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/14	15/13	17/15	18/16	16/13	12/9	10/7
300	15/15	18/17	21/19	21/19	19/16	15/12	13/10
Valley	16/16	20/19	22/21	23/21	20/17	16/13	14/11
Freezing Level*	3300m	3200m	3400m	3400m	3600m	3600m	3600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

There is likely to be little difference between the temperature and the 'feels like' temperature as the increasing wind speed should be largely offset by the high humidity.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 08 Aug 2020	0mm	0.2mm	4.2mm

Forecast for Sunday 09 Aug 2020

Weather: Probably rather cloudy and close to start, with a small chance of views from the highest ground. Otherwise a warm and bright day, with a risk of thundery showers developing later. Sunny spells will probably be quite limited, but it will feel humid when these occur.

Maximum wind: Northeasterly 30mph.

Chance of cloud free mountain/hill tops above 600m: 40% at first, with a small chance of the highest ground standing clear of a layer of cloud, although this should lift to obscure views for a time. Improving 60% later.

Visibility: Poor in mist and low cloud over the lower slopes early on, improving to good later.

Temperature: **Valleys:** Plus 11 becoming 23 Celsius.
At 600m: Plus 14 Celsius.
Freezing level: Well above the peaks.

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